| Index c | of Claims |
|---------|-----------|
|         |           |

| Application/Control No |  | Ap | plica | tion/C | ontrol | No. |
|------------------------|--|----|-------|--------|--------|-----|
|------------------------|--|----|-------|--------|--------|-----|

10/764,381

Examiner

Son T. Dinh

Applicant(s)/Patent under Reexamination

TRAN ET AL.

Art Unit

2824

| <b>√</b> | Rejected |
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| - | (Through numeral)<br>Cancelled |
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Restricted

| N | Non-Elected |
|---|-------------|
|   |             |

Interference

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                                              | Claim                                  |                                                  |                | Date                                             |          |                                                                                 |                                                  |          |          |          |  |  |
|--------------------------------------------------|----------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------|----------|---------------------------------------------------------------------------------|--------------------------------------------------|----------|----------|----------|--|--|
| Final                                            | 1                                      | 11/21/06                                         |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
|                                                  | 1                                      | <u> </u>                                         | 1              |                                                  |          |                                                                                 |                                                  |          | ┢        | 一        |  |  |
|                                                  | 2                                      |                                                  | Г              | Γ                                                | $\vdash$ | Г                                                                               | İΤ                                               |          |          |          |  |  |
|                                                  | 3                                      |                                                  | L              |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
|                                                  | 4                                      | <u> </u>                                         | <u> </u>       | ļ                                                | _        | _                                                                               | ┖                                                |          | <u> </u> |          |  |  |
|                                                  | 1<br>2<br>3<br>4<br>5<br>6             | <u> </u>                                         | <u> </u>       | <u> </u>                                         | <u> </u> | _                                                                               | ļ                                                | <u> </u> | <u> </u> |          |  |  |
|                                                  |                                        | -                                                | <u> </u>       | -                                                | -        |                                                                                 | <u> </u>                                         | -        | ┢        | ⊢        |  |  |
|                                                  | 7<br>8                                 | $\vdash$                                         | ┢              | ┢                                                | ┢        |                                                                                 | ╁                                                | -        | ├        |          |  |  |
|                                                  | 9                                      | $\vdash$                                         | H              | H                                                |          |                                                                                 | H                                                | t        | 一        | H        |  |  |
|                                                  | 10                                     |                                                  |                |                                                  |          |                                                                                 | t                                                |          | $\vdash$ |          |  |  |
|                                                  | 10<br>11<br>12<br>13<br>14<br>15<br>16 |                                                  |                |                                                  |          |                                                                                 |                                                  |          | Г        |          |  |  |
|                                                  | 12                                     |                                                  |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
|                                                  | 13                                     |                                                  |                | _                                                |          |                                                                                 | _                                                | _        | _        | _        |  |  |
|                                                  | 14                                     |                                                  |                | _                                                | _        | _                                                                               |                                                  | _        | <u> </u> | <u> </u> |  |  |
|                                                  | 15                                     | ⊢                                                | <u> </u>       | ⊢                                                | _        | ⊢                                                                               | <u> </u>                                         | ⊢        | ⊨        | -        |  |  |
|                                                  | 17                                     | $\vdash$                                         | -              | $\vdash$                                         | $\vdash$ | $\vdash$                                                                        | _                                                | ⊢        | ⊢        | -        |  |  |
|                                                  | 18                                     | ┢─                                               | -              | -                                                | -        | ├─                                                                              |                                                  |          | -        | -        |  |  |
|                                                  | 18<br>19                               | $\vdash$                                         | ┢              | <del>                                     </del> | 1        | $\vdash$                                                                        | <del>                                     </del> | $\vdash$ | $\vdash$ | -        |  |  |
|                                                  | 20                                     | <del>                                     </del> |                |                                                  | _        | $\vdash$                                                                        | T                                                | 1        | T        | -        |  |  |
|                                                  | 21                                     |                                                  |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
|                                                  | 21<br>22<br>23                         |                                                  |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
|                                                  | 23                                     |                                                  | $oxed{oxed}$   | <u></u>                                          |          |                                                                                 |                                                  |          | _        |          |  |  |
|                                                  | 24<br>25                               | L                                                | <u> </u>       | <u> </u>                                         | _        | <u> </u>                                                                        | _                                                | <u> </u> | <u> </u> |          |  |  |
|                                                  | 26                                     |                                                  | <del> </del> — | <del> </del>                                     | ├        | $\vdash$                                                                        | _                                                | ⊢        | _        | -        |  |  |
| <del>                                     </del> | 27                                     | ├                                                |                |                                                  | ├        | $\vdash$                                                                        | ⊢                                                | $\vdash$ | $\vdash$ |          |  |  |
|                                                  | 27<br>28<br>29                         | H                                                | $\vdash$       | $\vdash$                                         | -        | -                                                                               | $\vdash$                                         |          | H        | Н        |  |  |
|                                                  | 29                                     |                                                  | -              | $\vdash$                                         | H        |                                                                                 | $\vdash$                                         |          | H        | _        |  |  |
|                                                  | 30                                     |                                                  |                |                                                  |          |                                                                                 |                                                  |          | 1        |          |  |  |
|                                                  | 31                                     |                                                  |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
| ,                                                | 32<br>33                               |                                                  |                |                                                  | L        |                                                                                 |                                                  |          |          |          |  |  |
| ļ                                                | 33                                     |                                                  |                | <u> </u>                                         |          | <u> </u>                                                                        |                                                  | ╙        | _        | <u> </u> |  |  |
| <u> </u>                                         | 34                                     | <del> </del>                                     |                | _                                                | $\vdash$ |                                                                                 | _                                                | -        | <u> </u> |          |  |  |
| <del> </del>                                     | 35<br>36                               | $\vdash$                                         | -              | $\vdash$                                         | $\vdash$ | $\vdash$                                                                        | -                                                |          | $\vdash$ | Н        |  |  |
|                                                  | 37                                     | $\vdash$                                         |                |                                                  | $\vdash$ | $\vdash$                                                                        | $\vdash$                                         | _        | $\vdash$ | -        |  |  |
|                                                  | 38                                     | $\vdash$                                         |                | $I^-$                                            | $\vdash$ | $\vdash$                                                                        | Н                                                | T        | -        |          |  |  |
|                                                  | 39                                     |                                                  |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
|                                                  | 40                                     |                                                  |                |                                                  |          |                                                                                 |                                                  |          |          |          |  |  |
| 1                                                | 41                                     | =                                                |                | _                                                | _        |                                                                                 |                                                  | <u> </u> |          | <u>_</u> |  |  |
|                                                  | 42                                     | <u> </u>                                         | _              | _                                                | <u> </u> | $oxed{\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$ | _                                                | _        |          | Щ        |  |  |
|                                                  | 43<br>44                               |                                                  | _              |                                                  |          |                                                                                 |                                                  | $\vdash$ | <u> </u> | Н        |  |  |
|                                                  | 44                                     | $\vdash$                                         | <u> </u>       | _                                                | <u> </u> | -                                                                               | <u> </u>                                         | -        | $\vdash$ | Н        |  |  |
|                                                  | 46                                     | $\vdash$                                         | H              | -                                                | -        |                                                                                 |                                                  | -        | H        | Н        |  |  |
|                                                  | 47                                     | $\vdash$                                         |                |                                                  |          | -                                                                               | _                                                | $\vdash$ | $\vdash$ | Н        |  |  |
|                                                  | 48                                     |                                                  |                |                                                  | $\vdash$ |                                                                                 | $\vdash$                                         |          |          | H        |  |  |
|                                                  | 49                                     |                                                  | _              |                                                  | Г        |                                                                                 | Г                                                |          | П        | Н        |  |  |
| 2                                                | 50                                     | =                                                |                |                                                  |          |                                                                                 | •                                                |          |          |          |  |  |

| Cla      | aim      |              |          |          |          | Dat      | <u></u>      |              |              |              |
|----------|----------|--------------|----------|----------|----------|----------|--------------|--------------|--------------|--------------|
|          |          |              | Γ.       | Π        | П        | 1        | Ť            | Π            | Г            |              |
| Final    | Original | 11/21/06     |          |          |          |          |              |              |              |              |
| 3        | 51       | <del>-</del> | $\vdash$ | ╁        | ├─       | -        | -            | -            | -            | -            |
| 3        | 52       | <del>-</del> | -        | ├        | ├        | ╁        | -            | <del> </del> | -            | <del> </del> |
| 4        | 52       | ╚            | <u> </u> | _        | _        | ļ        |              | <u> </u>     | <u> </u>     | _            |
| <u> </u> | 53       | _            | _        | _        | _        | <u> </u> |              | _            | _            | <u> </u>     |
| 5        | 54       | Ξ            |          | L        | L        | <u> </u> | _            | <u> </u>     |              | _            |
|          | 55       |              |          |          |          |          |              | L            |              |              |
| 6        | 56       | =            |          |          | 1        |          |              |              |              |              |
|          | 57       |              |          |          |          |          |              |              |              |              |
|          | 58       |              |          | П        | П        |          |              |              |              |              |
|          | 59       |              |          |          |          |          |              |              |              |              |
| <u> </u> | 60       |              |          |          |          | t        |              |              | $\vdash$     | _            |
| 7        | 61       | =            | H        | H        | H        | $\vdash$ |              |              | $\vdash$     |              |
| 8        | 62       | =            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     |
| 9        | 63       | Ι <u>-</u>   | $\vdash$ |          | $\vdash$ |          | -            | <del> </del> | <del> </del> | -            |
|          |          | ᆖ            |          | ├-       | -        | ├        | -            | ├            | ├-           | -            |
| 10       | 64       | =            | <u> </u> | <u> </u> | _        | <u> </u> | <u> </u>     | ⊢            | $\vdash$     | <del> </del> |
| 11<br>12 | 65       | =            |          | <b> </b> | _        | $\vdash$ | _            | <u> </u>     | <u> </u>     | <u> </u>     |
| 12       | 66       | =            | <u> </u> | ļ        | <u> </u> | <u> </u> |              |              | <u> </u>     | <u> </u>     |
| 13       | 67       | =            | <u></u>  | _        |          |          |              |              |              |              |
|          | 68       |              |          |          | _        |          | $oxed{oxed}$ |              |              | L.,          |
| 14       | 69       | =            |          |          |          |          |              |              |              | <u> </u>     |
|          | 70       |              | <u> </u> |          | L.       | L        |              | <u> </u>     | L            |              |
| 15       | 71       | =            | _        | _        | <u> </u> | _        | _            |              |              |              |
| 16       | 72       | =            | _        | L.       |          | L        | _            |              | _            | _            |
| 17       | 73       | =            | _        | _        |          | _        | _            | _            | _            | _            |
| 18       | 74       | =            | _        |          |          |          | _            |              |              | _            |
| <u> </u> | 75       |              | _        | _        |          | L        | _            | L.           |              | <u> </u>     |
| 19       | 76       | =            |          |          |          | <u> </u> |              | <u>L</u> .   |              | L_           |
| 20       | 77       | =            | _        | L        |          |          | 匚            | <u></u>      |              | _            |
| 21       | 78       | =            | _        | _        | L.       | _        | _            |              |              | L            |
| 22       | 79       |              | L        | L        | _        |          | _            | _            |              |              |
|          | 80       |              |          |          |          |          |              |              |              |              |
| 23       | 81       | =            |          | L_       |          |          |              |              |              |              |
| 24       | 82       | =            |          | _        |          |          |              |              |              |              |
| 25       | 83       | =            |          |          |          |          |              |              |              |              |
|          | 84       |              |          |          |          |          |              |              |              |              |
| 26       | 85       | II           |          |          |          |          |              |              |              |              |
| 27       | 86       | =            |          |          |          |          |              |              |              |              |
| 28       | 87       | =            |          |          |          |          |              |              |              |              |
|          | 88       |              |          |          |          | •        |              | Ī            |              |              |
|          | 89       |              |          |          |          |          |              | <u> </u>     |              |              |
|          | 90       |              |          |          |          |          |              |              |              |              |
|          | 91       |              |          |          |          | Г        |              | Г            |              |              |
|          | 92       |              |          |          |          | Γ        |              | -            |              |              |
|          | 93       |              |          |          |          |          |              |              |              |              |
|          | 94       |              |          |          |          |          |              |              |              |              |
|          | 95       |              |          |          |          |          |              |              |              |              |
|          | 96       |              |          |          |          |          |              |              |              |              |
|          | 97       |              |          |          |          |          |              |              |              |              |
|          | 98       |              |          |          |          |          |              |              |              |              |
|          | 99       |              |          | تبا      |          |          |              |              |              |              |
|          | 100      |              |          |          |          |          |              |              |              |              |

| Cla      | Date                            |          |              |          |                                     |          |              |                                     |                                                  |                |
|----------|---------------------------------|----------|--------------|----------|-------------------------------------|----------|--------------|-------------------------------------|--------------------------------------------------|----------------|
|          |                                 |          | Π            | П        | Г                                   |          |              |                                     |                                                  |                |
| a        | Original                        |          | l            |          | l                                   |          |              |                                     | 1                                                |                |
| Final    | ij                              | ĺ        | l            |          |                                     | l        |              |                                     |                                                  |                |
| _        | Ō                               |          | l            |          |                                     |          |              |                                     |                                                  |                |
|          | 101                             |          | $\vdash$     | -        | <del> -</del>                       | ╁─       | $\vdash$     |                                     | ┢                                                | $\vdash$       |
|          | 101<br>102                      |          | -            | $\vdash$ | ┢╌                                  | -        | -            |                                     | $\vdash$                                         |                |
|          | 103                             |          | -            | -        |                                     | ⊢        | $\vdash$     | $\vdash$                            | $\vdash$                                         | $\vdash$       |
|          | 103                             |          | H            | -        | ├                                   | ⊢        | ⊢            | ⊢                                   | ┝                                                | -              |
|          | 104                             | -        | ┝            | ├        |                                     | _        | <u> </u>     | ⊢                                   | ⊢                                                | H              |
|          | 105                             | <u> </u> | <u> </u>     | -        | $\vdash$                            | L        | _            | <u> </u>                            |                                                  | $\sqcup$       |
|          | 106                             |          | <u> </u>     | <u> </u> | <u> </u>                            | <u> </u> | <u> </u>     | _                                   | <u> </u>                                         | $\sqcup$       |
|          | 107                             | _        | <u> </u>     | _        | _                                   | _        |              | <u> </u>                            | _                                                | Ш              |
|          | 108                             | _        | _            |          | <u> </u>                            | _        | _            | <u> </u>                            | L                                                | Ш              |
|          | 109                             |          | <u> </u>     |          | <u> </u>                            | _        |              | $oxed{oxed}$                        |                                                  | Ш              |
|          | 110                             |          | 匚            | _        | <u></u>                             |          |              |                                     | _                                                | Ш              |
|          | 111                             |          | <u> </u>     |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ц        |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$                                     | Ш              |
|          | 112                             |          | <u> </u>     |          |                                     | 匚        | <u> </u>     | <u> </u>                            | <u>L</u>                                         | Ш              |
|          | 113                             |          |              |          |                                     |          |              |                                     | $\Box$                                           | Ш              |
|          | 114                             | L        | $\Box$       | L        | L                                   |          | L            |                                     |                                                  |                |
|          | 115                             |          |              |          |                                     |          |              |                                     |                                                  |                |
|          | 112<br>113<br>114<br>115<br>116 |          |              |          |                                     |          |              |                                     |                                                  |                |
|          | 117                             |          |              |          |                                     |          |              |                                     |                                                  | П              |
|          | 118<br>119                      |          |              |          |                                     |          |              |                                     |                                                  | П              |
|          | 119                             | $\vdash$ |              |          |                                     |          |              | _                                   |                                                  | М              |
|          | 120<br>121<br>122               | $\vdash$ |              |          |                                     | $\vdash$ | $\vdash$     | -                                   |                                                  | $\vdash$       |
|          | 121                             | H        |              | ├-       |                                     | -        | ┝            | $\vdash$                            | $\vdash$                                         | Н              |
|          | 122                             | ┢        | -            | ┢        | $\vdash$                            | _        | <del> </del> | $\vdash$                            | ÷                                                | $\vdash$       |
|          | 123                             | $\vdash$ |              | _        | -                                   |          |              | ┝                                   | $\vdash$                                         | H              |
|          | 123<br>124                      | $\vdash$ | -            | ├        | ├                                   | $\vdash$ | -            | ┝                                   | $\vdash$                                         | Н              |
|          | 125                             |          | $\vdash$     |          | _                                   | -        |              | -                                   |                                                  | ╢              |
|          | 120                             | ⊢        | -            |          | <del> </del>                        | _        |              | $\vdash$                            | H                                                | Н              |
|          | 126<br>127<br>128               |          | <u> </u>     | <u> </u> | ⊢                                   | <u> </u> | _            | <u> </u>                            | ⊢                                                | Н              |
|          | 127                             | _        | <u> </u>     | <u> </u> |                                     | <u> </u> | <u> </u>     | ├                                   | H                                                | Н              |
|          | 128                             | _        | _            | _        | _                                   | _        | _            | <u> </u>                            | -                                                | $\vdash$       |
|          | 129<br>130                      |          | _            | <u> </u> | <u> </u>                            | <u> </u> |              | <u> </u>                            | $oxed{oxed}$                                     | Ш              |
|          | 130                             | <u> </u> | <u> </u>     | <u> </u> | <u> </u>                            |          | _            | <u> </u>                            | <u> </u>                                         | Ш              |
|          | 131                             | <u> </u> | $oxed{oxed}$ | ļ        | <u> </u>                            |          | <u> </u>     | _                                   | <u> </u>                                         | Ш              |
|          | 132                             |          | L.,          | _        | _                                   | _        | <u> </u>     | <u>_</u>                            | _                                                | $\sqcup$       |
|          | 133                             | _        |              |          |                                     |          | <u></u>      | L_                                  | L                                                |                |
|          | 134                             | L        |              | _        | <u></u>                             | L        |              |                                     |                                                  | Ш              |
|          | 135                             |          |              |          | _                                   |          |              |                                     |                                                  |                |
|          | 136                             |          |              |          |                                     |          |              |                                     |                                                  |                |
| ]        | 137<br>138                      |          |              |          |                                     | $\Box$   | L            |                                     |                                                  |                |
|          | 138                             |          |              |          |                                     |          |              |                                     |                                                  |                |
|          | 139                             |          |              |          |                                     |          |              |                                     |                                                  |                |
| [        | 140                             |          |              |          |                                     |          |              |                                     |                                                  |                |
|          | 141                             |          |              |          |                                     |          |              |                                     |                                                  |                |
|          | 142                             |          |              |          |                                     |          |              |                                     | Г                                                | П              |
|          | .143                            |          |              |          |                                     |          |              |                                     |                                                  | П              |
|          | 144                             |          |              |          |                                     |          |              |                                     |                                                  | Н              |
| -        | 145                             |          | -            |          |                                     |          | _            | _                                   | $\vdash$                                         | $\vdash$       |
|          | 146                             |          | Н            | Н        | Н                                   | H        |              |                                     | <del>                                     </del> | Н              |
| $\dashv$ | 147                             | _        | -            | -        | _                                   | -        | -            | -                                   | -                                                | Н              |
|          | 148                             |          |              | _        |                                     | <u> </u> | -            |                                     | <u> </u>                                         | Н              |
|          | 149                             |          |              | -        | -                                   |          |              | <u> </u>                            | <del> </del>                                     | $\vdash\vdash$ |
|          |                                 |          |              | -        |                                     |          |              | <u> </u>                            | <del> </del>                                     | Щ              |
|          | 150                             |          |              |          |                                     |          |              | L                                   | L                                                | Ш              |